

TITLE OF INVENTION

SLOPE MASTER

The Slope Master is used to detect the grade on all slopes in highway construction using a degree gauge. Example: 2 to 1 equals $26\frac{1}{2}$ degrees.

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ABSTRACT

The present invention is used to detect the grade on all slopes in highway construction using a degree gauge.

SKETCHES

FIG.1; FIG.2; FIG. 3

FIELD OF INVENTION

Highway Grade Instrument

The present invention relates to highway grading and more particularly to grading slopes with minimum time needed.

BACKGROUND OF THE INVENTION

Conventional grade prep practice for cutting slopes is often very costly and time consuming. Stakes have to be inserted into the ground manually and constantly removed and repeated versus laser methods which are extremely costly and require the machine in use to operate slowly to pick up signals.

Obviously, the methods discussed above cause frustration for machine operators and laborers, as well as costliness for the companies.

Therefore, there continues to be a need for a better process for grading slopes.

SUMMARY AND OBJECTS OF THE INVENTION

The present invention relates to a highway grade instrument that grades slopes with minimum time involved.

The highway grade instrument of the present invention includes a degree scale.

A function component, glycerin acting as a stabilizer provides character to the invention.

Another feature, the magnetized base makes the invention versatile from machine to machine.

Other objects and advantages will become apparent and obvious from a study of the following description and the accompanying drawings which are merely illustrative of such invention.

BRIEF DESCRIPTION OF THE DRAWINGS

- FIG.1 FRONT VIEW OF THE HIGHWAY GRADE INSTRUMENT OF THE PRESENT INVENTION
- FIG.2 SIDE VIEW OF THE HIGHWAY GRADE INSTRUMENT OF THE PRESENT INVENTION
- FIG.3 BACK VIEW OF THE HIGHWAY GRADE INSTRUMENT OF THE PRESENT INVENTION

DETAILED DESCRIPTION OF THE INVENTION

With further reference to the drawings, the highway grade instrument of the present invention is shown therein. As will be appreciated from subsequent portions of this disclosure, the highway grade instrument is designed to grade slopes with minimum time.

Before describing the structure of the highway grade instrument in detail, it may be beneficial to review the basic component of the machine. In this regard, the highway grade instrument is a versatile gauge and accordingly includes a precision needle indicator in glycerin oil.